Laboratory Technologist
COVID19 Early Community Detection Program
Department of Microbiology and Molecular Genetics
Michigan State University

Position Summary

The COVID19 Detection Program is seeking Laboratory Technologists with bachelor degrees in biology or clinical laboratory sciences. The qualified candidates will work to validate a COVID19 qPCR assay for CLIA certification, and optimize the process. The successful candidates will perform experiments, record results, and prepare reports to communicate results to others in the lab. These positions will design and execute qPCR experiments for assay optimization, maintain records of calibration and preventive maintenance for laboratory equipment, perform regular inventory and maintain records of all reagents and supplies in the laboratory. These positions will also perform duties related to safety, safety regulations and other duties as assigned. The qualified applicants will have experience in quality control measures in a clinical lab setting and will have proficiency in Real Time PCR and in the analysis of the data. They will have experience handling biological samples in a BSL2 environment and have excellent computer skills and basic Microsoft Office software. Some data processing will require familiarity with R script.

Unit Specific Education/Experience/Skills

Knowledge equivalent to that which normally would be acquired by completing a four year college degree program in biology or biomedical science; one to three years of related and progressively more responsible or expansive work experience in basic laboratory techniques; or an equivalent combination of education and experience; the job may require specialty certifications, approvals, or training; may require successful completion/continued maintenance of accessibility standards.

Desired Qualifications

Bachelor's degree in biology or biomedical science. Clinical laboratory experience preferred.

Equal Employment Opportunity Statement

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, citizenship, disability or protected veteran status.

Work Hours

Working hours are 8:00 a.m. - 5:00 p.m. but must be flexible to sometimes work early mornings, evenings or weekends.

Description of End Date

This is a limited term position funded for 9 months from date of hire with possible extension contingent upon funding renewal.
Summary of Health Risks

Exposure to human saliva/spit samples.

Required Application Materials

Interested applicants should submit a resume and the names and contact information of three references to http://careers.msu.edu posting #682220. Bidding and Eligibility Ends on 11/24/2020 at 11:55 PM.